



Title: "Suppressed Cycle Based Carrier Modulation  
Using Amplitude Modulation"  
Serial No. 09/916,054  
Attorney Docket No. P012676-01UT  
Responsive to Office Action Mailed July 19, 2004  
Date: December 29, 2004

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

1 over 20

Applicant:	Joseph A. Bobier	)	
Serial No:	09/916,054	)	Group Art Unit: 2682
Filed:	July 26, 2001	)	Examiner: Milford, Marceau
For:	Suppressed Cycle Based Carrier Modulation Using Amplitude Modulation	)	
Attorney Docket:	P012676-01UT	)	

Mail Stop RCE  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE**

In response to the Final Office Action mailed July 19, 2004, Applicant respectfully requests allowance of amended Claims 1-21 in the above-referenced application in light of this response and amendment as stated in the following paragraphs.

The Examiner has rejected Claims 1-8 under 35 U.S.C. 103(a) as being unpatentable over Kolanek. (U.S. Pat. No. 6,147,553) in view of Hunsinger et al (U.S. Pat. No. 5,465,396) and Cowie et al (U.S. Pat. No. 6,717,992). The Examiner has stated that Claims 9-17 are allowable as written.

Applicant disagrees with the Examiner's position that the prior art cited renders Applicants invention obvious. In fact U.S. Patent No. 6,717,992 issued to Cowie was filed on